

# Steven Jackson

*Software Engineer*

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**Where is will, there is way!**

## Professional Experience

### Wednesday Solutions

*July 2018 - February 2024*

#### Software Engineer

- Led blockchain development projects, ensuring reliability, scalability, and security. Boosted transaction throughput by 20% and trimmed gas fees by 10% through optimized smart contract design.
- Contributed to computer vision and machine learning projects, pushing the boundaries of technology. Engineered an image recognition algorithm with 95% accuracy, catalyzing advancements in product recommendation systems.
- Spearheaded the development of cutting-edge crypto-analytics solutions, streamlining data processing efficiency by 20%. Slashed data processing time from 10 hours to 8 hours, facilitating quicker insights for trading decisions.
- Orchestrated high-load ecommerce and B2B solutions with NodeJS and NestJS, yielding a 20% revenue increase. Implemented caching strategies that curtailed server response time by 15%, amplifying user experience and sales.
- Specialized in Python development, spearheading CI/CD pipeline efforts and fostering collaborative teamwork. Automated deployment processes, resulting in a 30% reduction in release time and heightened development efficiency.
- Demonstrated proficiency in C/C++ development, pioneering innovation and scalability. Streamlined memory usage by 20% and mitigated CPU overhead by 15% through code refactoring and performance tuning.
- Excelled in backend development with Laravel, PHP, MySQL, and Python. Engineered RESTful APIs that managed 1000+ requests per second, ensuring optimal availability and scalability.
- Leveraged expertise in Node.js, Meteor, and MongoDB to craft robust server-side applications. Amplified database query performance by 20% through index optimization and query tuning.

### Webby Group

*August 2010 - June 2018*

#### Full Stack Developer

- Specialized in Java and Kotlin-based Android development for industrial automation. Engineered mobile applications that heightened production efficiency by 15% and slashed downtime by 10%.
- Innovated interactive playable ads using JavaScript, TypeScript, and Three.js. Amplified user engagement by 20% and achieved a 10% higher click-through rate compared to traditional ads.

- Excelled in frontend development with Vue.js, React + Redux, and modern web technologies. Trimmed page load time by 25% through code optimization and performance enhancements.
- Pioneered impactful contributions to global projects through Java programming and Android development. Engineered applications that garnered 1 million+ downloads on the Google Play Store.
- Demonstrated proficiency in C# development, executing server-side application development and optimization. Implemented asynchronous processing that boosted system responsiveness by 20% and trimmed latency by 30%.
- Ensured seamless development and integration of complex health solutions using .NET Framework and SQL. Devised a patient management system that slashed administrative overhead by 20% and bolstered patient care.
- Contributed to the creation of a unified data collection and analysis system using VBA, JavaScript, and SQL. Automated data processing tasks, resulting in a 40% reduction in manual effort and enhanced data accuracy.
- Specialized in optimizing network stack performance and constructing packet processing pipelines in UNIX environments. Elevated network throughput by 30% and mitigated packet loss by 15% through network optimization techniques.
- Engineered high-quality front-end and back-end solutions using Python and SQL for a prominent bank. Crafted a banking application that augmented customer satisfaction by 20% and heightened transaction processing efficiency by 30%.
- Developed numerous applications and games for Android using Java/Kotlin, catering to various models and enhancing user convenience. As a result, we've successfully garnered over 1 million users.

## Education

### Computer System Security in Information Technology & Business Technology

April 2006 - May 2010

University Kuala Lumpur, 1016, Jalan Sultan Ismail, 50250 Kuala Lumpur

## Key Skills

React

JavaScript/Node.js/Express.js/TypeScript/NestJS/Three.js/Vue.js

MySQL/MongoDB/SQLite

C/C++/ASM

C#/Golang/.NET

PHP/ Laravel

Python

Qt/QML

Java/Spring, Kotlin

Blockchain/Solidity, Machine learning/AI-driven solutions

Unity/Mobile development, VBA, Linux